INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/016436

•			2009/010930
A. CLASSIFIC	CATION OF SUBJECT MATTER C12N9/18, C12N1/20		
	ABT		
According to Int	ernational Patent Classification (IPC) or to both nationa	l classification and IPC	
B. FIELDS SE			
Minimum docum	nentation searched (classification system followed by cla C12N9/18, C12N1/20	assification symbols)	
1110.01	C12N3/10/ C12N1/20		
Documentation s	searched other than minimum documentation to the extension	nt that such documents are included in the	ne fields searched
Electronic data b	pase consulted during the international search (name of one of the search), WPI/BIOSIS (DIALOG)	data base and, where practicable, search t	erms used)
C. DOCUMEN	NTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
Y	C.J. ROSSINI et al., Use of i force microscopy to monitor t of polyhydroxyalkanoates (PHA Symp. (2001), Vol.167, pages	the biodegradation as)., Macromol.	1-9
Y	A. MANNA et al., Degradation hydroxybutyrate) by soil stre World J. Microbiol.Biotechnol Vol.15, No.6, pages 705 to 70	eptomycetes., . (1999),	1-9
Y	M. TANSENGCO and I, DOGMA Jr. degradation of poly-β-hydroxy landfill soils., Acta Biotech Vol.19, No.3, pages 191 to	butyrate using	1-9
× Further do	ocuments are listed in the continuation of Box C.	See patent family annex.	
* Special cate "A" document d	gories of cited documents: defining the general state of the art which is not considered	"T" later document published after the in date and not in conflict with the appli the principle or theory underlying the	cation but cited to understand
to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
cited to est		"Y" document of particular relevance; the considered to involve an inventive	
	eferring to an oral disclosure, use, exhibition or other means ublished prior to the international filing date but later than	combined with one or more other suc being obvious to a person skilled in the	
	date claimed	"&" document member of the same patent	family .
	al completion of the international search ember, 2004 (29.11.04)	Date of mailing of the international sea 21 December, 2004	
Name and mailir	ng address of the ISA/	Authorized officer	
Japane	se Patent Office		•
Form PCT/ISA/2	10 (second sheet) (January 2004)	Telephone No.	

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International application No.

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	H.J. KIM et al., Characterization of an extracellular medium-chain-length poly (3-hydroxyalkanoate) depolymerase from Streptomyces sp. KJ-72., Antonie van Leeuwenhoek (2003 May), Vol.83, No.2, pages 183 to 189	1-9
Y	K. SEI et al., Design of PCR primers and a gene probe for extensive detection of poly(3-hydroxybutyrate) (PHB)-degrading bacteria possessing fibronectin type III linker type-PHB depolymerases., Appl.Microbiol.Biotechnol. (2001), Vol.55, No.6, pages 801 to 806	1-9
Y	JP 10-191980 A (Taisei Corp.), 28 July, 1998 (28.07.98), & EP 863209 A2 & US 5968801 A	1-9
Y	<pre>JP 7-155180 A (Snow Brand Milk Products Co., Ltd.), 20 June, 1995 (20.06.95), (Family: none)</pre>	1-9
P,X	B.P. CALABIA and Y, TOKIWA, Microbial degradation of poly(D-3-hydroxybutyrate) by a new thermophilic Streptomyces isolate., Biotechnol.Lett. (2004, January), Vol.26, No.1, pages 15 to 19	1-9
P,X	Y. TOKIWA and B.P., CALABIA, Degradation of microbial polyesters., Biotechnol.Lett. (2004, August), Vol.26, No.15, pages 1181 to 1189	1-9
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